**1.** Write a program in C to input a string and print it.

Test Data :  
Input the string : Welcome, w3resource

*Expected Output* :

The string you entered is : Welcome, w3resource

**2.** Write a program in C to find the length of a string without using library function.

Test Data :  
Input the string : w3resource.com

*Expected Output* :

Length of the string is : 15

**3.** Write a program in C to separate the individual characters from a string.

Test Data :  
Input the string : w3resource.com

*Expected Output* :

The characters of the string are :

w 3 r e s o u r c e . c o m

**4.** Write a program in C to print individual characters of string in reverse order.

Test Data :  
Input the string : w3resource.com

*Expected Output* :

The characters of the string in reverse are :

m o c . e c r u o s e r 3 w

**5.** Write a program in C to count the total number of words in a string.

Test Data :  
Input the string : This is w3resource.com

*Expected Output* :

Total number of words in the string is : 3

**6.** Write a program in C to compare the length of two strings without using string library functions.

Test Data :  
Input strings  
abc abc  
ab abc  
abc ab

*Expected Output* :

The length of both strings are equal and

also both strings are equal.

**7.** Write a program in C to count total number of alphabets, digits and special characters in a string.

Test Data :  
Input the string : Welcome to w3resource.com

*Expected Output* :

Number of Alphabets in the string is : 21

Number of Digits in the string is : 1

Number of Special characters in the string is : 4

**8.** Write a program in C to copy one string to another string.

Test Data :  
Input the string : This is a string to be copied.

*Expected Output* :

The First string is : This is a string to be copied.

The Second string is : This is a string to be copied.

Number of characters copied : 31

**9.** Write a program in C to count total number of vowel or consonant in a string.

Test Data :  
Input the string : Welcome to w3resource.com

*Expected Output* :

The total number of vowel in the string is : 9

The total number of consonant in the string is : 12

**10.** Write a program in C to find maximum occurring character in a string.

Test Data :  
Input the string : Welcome to w3resource.com.

*Expected Output* :

The Highest frequency of character 'e'

appears number of times : 4